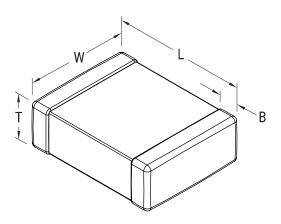
## **KEMET Part Number: C1210C107M8PACTU**

(C1210C107M8PAC7800)



SMD Comm X5R, Ceramic, 100 uF, 20%, 10 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 1210



Dimensions		
L	3.2mm +/-0.3mm	
W	2.5mm +/-0.3mm	
Т	2.5mm +/-0.30mm	
В	0.5mm +0.4/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

General Information		
Series:	SMD Comm X5R	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, Class II	
Features:	Temperature Stable, Class II	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
AEC-Q200:	No	
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 48 hours	
Chip Size:	1210	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	100000000 pF, 120Hz 0.5Vrms	
Capacitance Tolerance:	20%	
Voltage DC:	10 VDC	
Dielectric Withstanding Voltage:	25 VDC	
Temperature Range:	-55/+85°C	
Temperature Coefficient:	X5R	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 120Hz 0.5Vrms	
Dissipation Factor:	10.00% 120Hz 0.5Vrms	
Aging Rate:	5% Loss/Decade Hour	
Insulation Resistance:	1 MOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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